Visible Spectrophotometer LX100VS

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Description

Visible Spectrophotometer LX100VS is a single beam spectrophotometer with a wavelength of 340-1020nm and wavelength repeatability of 1nm. Equipped with a bandwidth of 6 nm for peak resolution, it works on the detection of light intensity between the reference and test sample. The highly stable optics and silicon photodiode detector measure the sample and reference while improving the estimation exactness. The product's simple design makes model an ideal device for regular utilization.

Specifications

Optical system	Single beam, grating 1200 lines/mm
Wavelength range	340nm ~ 1020 nm
Spectral bandwidth	6 nm
Wavelength accuracy	±3 nm
Wavelength repeatability	1 nm
Photometric accuracy	± 1% T
Photometric repeatability	0.5 % T
Stray light	0.5 % T
Stability	0.004A
Wavelength setting	Manual
Work mode	T, A, C
Display	4 LCD
Light Source	Tungsten lamp
Detector	Silicon photo diode
Cuvette holder	10mm manual 4-cell holder
Data output	RS232 port
Power	AC 220V / 50 Hz or AC 110V / 60 Hz
Packaging dimension	520 x 450 x 320 mm
Gross weight	10 kg

Features

- LED display for visual optimization and access to a range of functions
- Wavelength (340 to 1020 nm)
- Spectral Bandwidth (6 nm)
- Optical system is 1200 lines/mm gratings
- Silicon photodiode detector
- Output source - RS232 port
- Source of light is tungsten lamp

Applications

- Used widely in universities and colleges, food and beverage production and quality control, agricultural monitoring etc. medical testing, food, petrochemical industry, environmental protection and monitoring and other fields.

Standard Accessories

- Glass cuvette 10 mm / 1 set of 4
- Quartz cuvette 10 mm / 1 set of 2 (UV)
- Power cord

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